

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description:

Sheet 1. ChIP-seq data for VEX1^{myc} expressing bloodstream form *T. brucei*.

Sheet 2. Proteomic data for GFP-tag associated enrichment from VEX1^{GFP} expressing insect and bloodstream form *T. brucei*.

Sheet 3. Proteomic analysis of purified sVSG fraction following VEX2, VEX1/VEX2 or CAF-1b knockdown.

Sheet 4. RNA-seq data following VEX2, VEX1/VEX2 or CAF-1b knockdown. Specifically showing VSG derepression (RPKM averages).

Sheet 5. RNA-seq data following VEX2, VEX1/VEX2 or CAF-1b knockdown (RPKM values).

Sheet 6. Summary of all statistical analyses.

Sheet 7. Reagents and resources.

File Name: Supplementary Movie 1

Description: 3D projection of *T. brucei* cell showing VEX1^{Myc} (red) and VEX2^{GFP} (green). Brighter grey/white region is the mitochondrial genome

File Name: Supplementary Movie 2

Description: 3D projection of late S-phase *T. brucei* cell showing CAF-1b^{GFP} (green) colocalisation with VEX1^{Myc} (red). Brighter grey/white region is the mitochondrial genome.